

REF:ENV/K-32/CF/3/13

Date: 15.03.2012

To
The Sr. Environmental Engineer
Pollution Control Board, Assam
Itkhola , Near Ghaniwala Lane
Silchar -788 002

SUB: TEST RESULT FOR THE MONTH OF FEBRUARY 2012

Sir,

I have the honour to submit herewith the test result of key parameters of the following sources during the month of February 2012 for favour of your disposal. It is to be mentioned here that River water sample from five points as mentioned in the test results are collected upto Karimganj.

- A. Treated effluent
- B. River water
- C. Ground water and Piezometric tube well
- D. Stack Emission and
- E. Ambient Air.

Thanking you.

Sincerely yours
For & on behalf of HPC Ltd.
Cachar Paper Mill

Encl: Test Results (Three pages)

Copy to :

- i) The Member Secretary
Pollution Control Board, Assam
Bamunimaidam
Guwahati – 781 021, Assam. Sr.Manager (Env & Civil)
- ii) The Scientist D
GOI, MoEF, North Eastern Regional Office
Law U –Sib, Lumbatngen, Near M T C Workshop
Shillong – 793021
- iii) The Additional Director
N.E. Zonal Office , Central Pollution Control Board
Near Fire Brigade, Lower Motinagar
Shillong - 793014

A. TREATED EFFLUENT QUALITY FOR FEBRUARY 2012

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.02.12	26	7.7	98	328	24
02.02.12	26	7.6	96	304	27
03.02.12	25	7.5	94	336	30
04.02.12	26	7.6	92	320	24
05.02.12	26	7.5	96	336	30
06.02.12	26	7.2	90	336	27
07.02.12	26	7.2	92	336	30
08.02.12	26	7.5	96	328	30
09.02.12	26	7.6	98	344	30
10.02.12	27	7.6	96	336	30
11.02.12	27	7.6	100	328	27
12.02.12	26	7.5	98	336	27
13.02.12	26	7.4	96	336	30
14.02.12	26	7.5	94	344	30
15.02.12	26	7.4	90	336	27
16.02.12	26	7.3	94	336	30
17.02.12	26	7.4	90	328	30
18.02.12	27	7.5	98	336	27
19.02.12	27	7.4	96	328	27
20.02.12	27	7.3	84	336	30
21.02.12	27	7.4	90	328	27
22.02.12	27	7.3	94	336	30
23.02.12	28	7.3	96	312	30
24.02.12	28	7.1	96	328	27
25.02.12	28	7.2	94	336	27
26.02.12	27	7.2	96	336	30
27.02.12	28	7.1	94	328	27
28.02.12	28	7.1	96	336	30
29.02.12	27	7.2	92	328	27

B. RIVER WATER QUALITY OF BARAK AND KUSHIYARA IN THE MONTH OF FEBRUARY 2012

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
19.02.12	1 KM Upstream of effluent discharge point	7.6	108	11.2	7.5	1.0
	At Effluent discharge point	7.6	174	17.6	7.6	1.9
	1 KM Downstream of effluent discharge point	7.7	156	16.0	7.8	1.8
	15 KM Downstream at Bhanga	7.5	124	14.4	7.7	1.1
26.02.12	1 KM Upstream of effluent discharge point	7.4	120	32	8.1	1.6
	At Effluent discharge point	7.4	162	40	6.9	2.0
	1 KM Downstream of effluent discharge point	7.4	132	27.2	7.6	1.8
	15 KM Downstream at Bhanga	7.9	128	22.4	6.7	1.6
	35 Km Downstream at Karimganj	7.5	130	17.6	8.0	1.0

C. GROUND WATER QUALITY DATA IN THE MONTH OF FEBRUARY 2012

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
14.02.12	Well water surrounding the Mill	7.2	BDL	Piezometric tube well/ Borewell near sludge pit	7.7	BDL
21.02.12	Well water surrounding the Mill	7.3	BDL	Piezometric tube well/ Borewell near sludge pit	7.5	BDL

D. STACK EMISSION MONITORING DATA IN THE MONTH OF FEBRUARY 2012

SOURCE	Particulate Matter (mg/Nm³)	H₂S (mg/Nm³)	Cl₂ (mg/Nm³)	HCl (mg/Nm³)
C.F.Boiler – 1	129.3	-	-	-
C.F.Boiler – 2	133.8	-	-	-
C.F.Boiler - 3	124.7	-	-	-
S / R Boiler	86.5	4.2	-	-
Hypo Stack (C&C)	-	-	7.1	-
HCl Stack (C&C)	-	-	-	16.5

E. AMBIENT AIR MONITORING DATA IN THE MONTH OF FEBRUARY 2012

Source	Suspended Particulate Matter (µg/Nm³)	SO₂ (µg/Nm³)	NO_x (µg/Nm³)	RSPM (µg/Nm³)
Yard No 7 at Security Point	256.3	7.0	18.1	-
At corner of Lagoon	230.8	3.2	12.48	-
Time Office	249.2	4.4	20.2	65.5
Township	158.6	BDL	3.3	30.2

